

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SS\$PTA1626GMS

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

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NEWS 1      Web Page for STN Seminar Schedule - N. America
NEWS 2 OCT 02 CA/CAPLUS enhanced with pre-1907 records from Chemisches
          Zentralblatt
NEWS 3 OCT 19 BEILSTEIN updated with new compounds
NEWS 4 NOV 15 Derwent Indian patent publication number format enhanced
NEWS 5 NOV 19 WPIX enhanced with XML display format
NEWS 6 NOV 30 ICSD reloaded with enhancements
NEWS 7 DEC 04 LINPADOCDB now available on STN
NEWS 8 DEC 14 BEILSTEIN pricing structure to change
NEWS 9 DEC 17 USPATOLD added to additional database clusters
NEWS 10 DEC 17 IMSDRUGCONF removed from database clusters and STN
NEWS 11 DEC 17 DGENE now includes more than 10 million sequences
NEWS 12 DEC 17 TOXCENTER enhanced with 2008 MeSH vocabulary in
          MEDLINE segment
NEWS 13 DEC 17 MEDLINE and LMEDELINE updated with 2008 MeSH vocabulary
NEWS 14 DEC 17 CA/CAPLUS enhanced with new custom IPC display formats
NEWS 15 DEC 17 STN Viewer enhanced with full-text patent content
          from USPATOLD
NEWS 16 JAN 02 STN pricing information for 2008 now available
NEWS 17 JAN 16 CAS patent coverage enhanced to include exemplified
          prophetic substances
NEWS 18 JAN 28 USPATFULL, USPAT2, and USPATOLD enhanced with new
          custom IPC display formats
NEWS 19 JAN 28 MARPAT searching enhanced
NEWS 20 JAN 28 USGENE now provides USPTO sequence data within 3 days
          of publication
NEWS 21 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 22 JAN 28 MEDLINE and LMEDELINE reloaded with enhancements
NEWS 23 FEB 08 STN Express, Version 8.3, now available
NEWS 24 FEB 20 PCI now available as a replacement to DPCI
NEWS 25 FEB 25 IFIREF reloaded with enhancements
NEWS 26 FEB 25 IMSPRODUCT reloaded with enhancements
NEWS 27 FEB 29 WPINDEX/WPIDS/WPIX enhanced with ECLA and current
          U.S. National Patent Classification

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NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 14:14:46 ON 07 MAR 2008

=>

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:15:07 ON 07 MAR 2008

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 5 MAR 2008 HIGHEST RN 1006749-26-3

DICTIONARY FILE UPDATES: 5 MAR 2008 HIGHEST RN 1006749-26-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

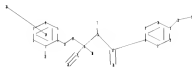
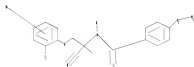
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

10577369

=>

Uploading C:\Program Files\Stnexp\Queries\10577369.str



```
chain nodes :
13 14 15 16 17 18 19 20 22 23 25 27 28 31
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12
chain bonds :
1-27 6-13 8-17 11-22 13-14 14-15 15-16 15-18 15-19 16-17 16-31 17-25
19-20 22-23
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
exact/norm bonds :
1-27 6-13 11-22 13-14 15-16 16-17 17-25 19-20 22-23
exact bonds :
8-17 14-15 15-18 15-19 16-31
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12
isolated ring systems :
containing 1 : 7 :
```

G1:O,S,SO2,SO3H

G2:O,S

G3:Cl,Br,F,I,CF3,X

Match level :

```
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 22:CLASS 23:CLASS 25:CLASS 27:CLASS 28:CLASS 29:Atom
31:CLASS
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10577369

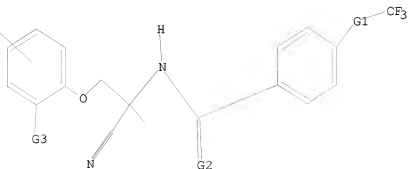
L1        STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1        STR

CN



G1 O,S,SO2,SO3H

G2 O,S

G3 Cl,Br,F,I,CF3,X

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:15:39 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED -        1 TO ITERATE

100.0% PROCESSED        1 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*

BATCH    \*\*COMPLETE\*\*

PROJECTED ITERATIONS:        1 TO        80

PROJECTED ANSWERS:            1 TO        80

L2            1 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 14:15:47 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED -        41 TO ITERATE

100.0% PROCESSED        41 ITERATIONS

25 ANSWERS

SEARCH TIME: 00.00.01

L3            25 SEA SSS FUL L1

=> FIL HCAPLUS

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	178.36	178.57

FILE 'HCAPLUS' ENTERED AT 14:15:59 ON 07 MAR 2008  
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FILE COVERS 1907 - 7 Mar 2008 VOL 148 ISS 11  
 FILE LAST UPDATED: 6 Mar 2008 (20080306/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 2 L3

=> d l4 ibib abs hitstr tot

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2006:469873 HCAPLUS  
 DOCUMENT NUMBER: 144:488414  
 TITLE: Chromatographic resolution process for the preparation of enantiomers of benzamidoacetonitriles from their racemates using chiral chromatographic stationary phases  
 INVENTOR(S): Ducray, Pierre; Gauvry, Noelle; Goebel, Thomas; Pautrat, Francois  
 PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis Pharma GmbH  
 SOURCE: PCT Int. Appl., 19 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006050887	A1	20060518	WO 2005-EP11884	20051107
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,			

MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

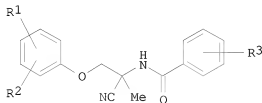
AU 2005303993 A1 20060518 AU 2005-303993 20051107  
 CA 2580247 A1 20060518 CA 2005-2580247 20051107  
 EP 1812385 A1 20070801 EP 2005-803815 20051107

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR

CN 101056849 A 20071017 CN 2005-80038335 20051107  
 IN 2007DN02205 A 20070803 IN 2007-DN2205 20070321  
 US 2008045601 A1 20080221 US 2007-667148 20070504  
 MX 200705548 A 20070521 MX 2007-5548 20070508  
 KR 2007084061 A 20070824 KR 2007-710431 20070508  
 EP 2004-26510 A 20041109  
 WO 2005-EP11884 W 20051107

PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 144:488414  
 GI



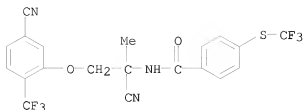
AB Pure enantiomers of benzoamidoacetonitriles [I; R1-R3 = hydrogen, halogen, nitro, cyano, (un)substituted alkyl, (un)substituted alkoxy, (un)substituted alkenyl, (un)substituted alkynyl, (un)substituted alkenyloxy, (un)substituted alkylthio, (un)substituted alkylsulfonyloxy, (un)substituted alkylsulfinyl, etc.; e.g., (-)-(S)-N-[1-cyano-2-(5-cyano-2-trifluoromethylphenoxy)-1-methylethyl]-4-trifluoromethylsulfanylbenzamide] are prepared by the chromatog. of alc. solns. (e.g., MeOH-EtOH mixts.) of the I racemates [e.g., N-[1-cyano-2-(5-cyano-2-trifluoromethylphenoxy)-1-methylethyl]-4-trifluoromethylsulfanylbenzamide] using chiral chromatog. stationary phases (e.g., Chiralpak polysaccharide), followed by the epimerization of the unwanted enantiomer [e.g., (+)-(R)-N-[1-cyano-2-(5-cyano-2-trifluoromethylphenoxy)-1-methylethyl]-4-trifluoromethylsulfanylbenzamide] into the I racemate by heating an aqueous 1,4-dioxane solution of it with NaCN, followed by chromatog. re-resolution

IT 851976-50-6P

RL: PEP (Physical, engineering or chemical process); PYP (Physical process); SPN (Synthetic preparation); PREP (Preparation); PROC (Process) (chromatog. resolution process for the preparation of enantiomers of benzoamidoacetonitriles from their racemates using chiral chromatog.)

RN 851976-50-6 HCAPLUS

CN Benzamide, N-[1-cyano-2-[5-cyano-2-(trifluoromethyl)phenoxy]-1-methylethyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



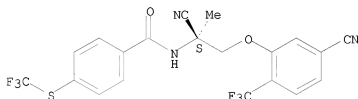
IT 887148-69-8P

RL: PUR (Purification or recovery); PREP (Preparation)  
 (chromatog. resolution process for the preparation of enantiomers of  
 benzamidoacetonitriles from their racemates using chiral chromatog.)

RN 887148-69-8 HCAPLUS

CN Benzamide, N-[(1S)-1-cyano-2-[5-cyano-2-(trifluoromethyl)phenoxy]-1-  
 methylethyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



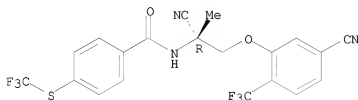
IT 887148-70-1P

RL: PUR (Purification or recovery); RCT (Reactant); PREP (Preparation);  
 RACT (Reactant or reagent)  
 (resolution and epimerization of)

RN 887148-70-1 HCAPLUS

CN Benzamide, N-[(1R)-1-cyano-2-[5-cyano-2-(trifluoromethyl)phenoxy]-1-  
 methylethyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



REFERENCE COUNT:

5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:429386 HCAPLUS

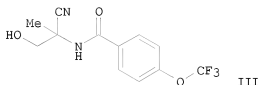
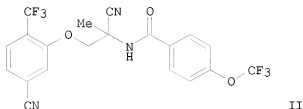
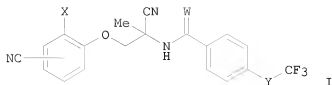
DOCUMENT NUMBER: 142:481750

TITLE: A preparation of acetonitrile derivatives, useful as  
 pesticides

INVENTOR(S): Gauvry, Noelle; Goebel, Thomas; Ducray, Pierre;  
 Pautrat, Francois; Kaminsky, Ronald; Jung, Martin  
 PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.  
 SOURCE: PCT Int. Appl., 48 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005044784	A1	20050519	WO 2004-EP12559	20041105
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004287611	A1	20050519	AU 2004-287611	20041105
CA 2544741	A1	20050519	CA 2004-2544741	20041105
EP 1682493	A1	20060726	EP 2004-797665	20041105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
BR 2004016294	A	20070123	BR 2004-16294	20041105
CN 1902162	A	20070124	CN 2004-80039913	20041105
JP 2007510632	T	20070426	JP 2006-537263	20041105
MX 2006PA05036	A	20060706	MX 2006-PA5036	20060504
KR 793462	B1	20080114	KR 2006-708717	20060504
IN 2006CN01565	A	20070706	IN 2006-CN1565	20060505
US 2007072944	A1	20070329	US 2006-577369	20060626
PRIORITY APPLN. INFO.:			EP 2003-25290	A 20031106
			GB 2004-2677	A 20040206
			WO 2004-EP12559	W 20041105
OTHER SOURCE(S):	MARPAT 142:481750			
GI				





AB The invention relates to a preparation of acetonitrile derivs. of formula I [wherein: X is Cl, Br, or CF<sub>3</sub>; Y is a single bond, O, S, S(O), or SO<sub>2</sub>; W is O or S], useful as pesticides. The active ingredients have advantageous pesticidal properties. They are especially suitable for controlling parasites in and on warm-blooded animals. For instance, acetonitrile derivative II was prepared via etherification of alc. III by 3-fluoro-4-trifluoromethylbenzonitrile. The efficacy was calculated as the % reduction of the number of worms in each gerbil, compared with the geometric average

of number of worms from 6 infected and untreated gerbils (mongolian gerbils, 3.2 mg/kg; H. contortus.: 100%, T. colubriformis.: 100%).

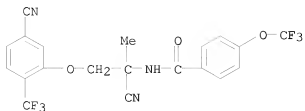
IT 851976-33-5P 851976-38-0P 851976-39-1P  
851976-40-4P 851976-42-6P 851976-44-8P  
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851976-58-4P 851976-60-8P 851976-62-0P  
851976-64-2P 851976-66-4P 851976-68-6P  
851976-69-7P 851976-70-0P 851976-72-2P  
851976-74-4P 851976-76-6P 851976-77-7P  
851976-78-8P 851976-80-2P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of acetonitrile derivs. useful as pesticides)

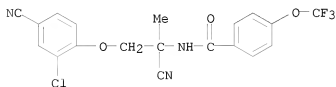
RN 851976-33-5 HCAPLUS

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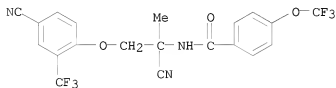
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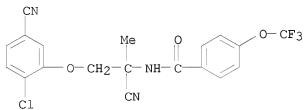
RN 851976-39-1 HCAPLUS

CN Benzamide, N-[1-cyano-2-[4-cyano-2-(trifluoromethyl)phenoxy]-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



RN 851976-40-4 HCAPLUS

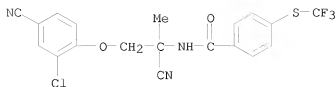
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RN 851976-42-6 HCAPLUS

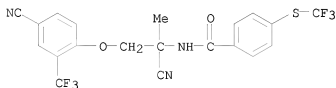
CN Benzamide, N-[2-(2-chloro-4-cyanophenoxy)-1-cyano-1-methylethyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)

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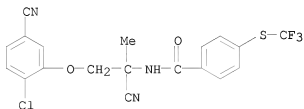
RN 851976-44-8 HCAPLUS

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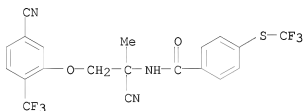
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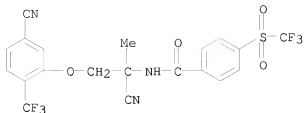
RN 851976-50-6 HCAPLUS

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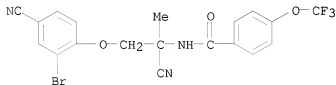
RN 851976-52-8 HCAPLUS

CN Benzamide, N-[1-cyano-2-[5-cyano-2-(trifluoromethyl)phenoxy]-1-methylethyl]-4-[(trifluoromethyl)sulfonyl]- (CA INDEX NAME)



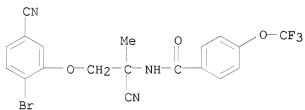
RN 851976-58-4 HCAPLUS

CN Benamide, N-[2-(2-bromo-4-cyanophenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



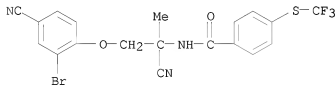
RN 851976-60-8 HCAPLUS

CN Benamide, N-[2-(2-bromo-5-cyanophenoxy)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (CA INDEX NAME)



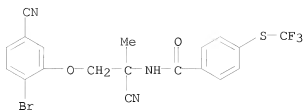
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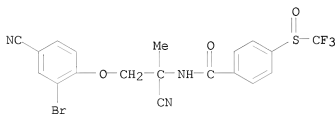
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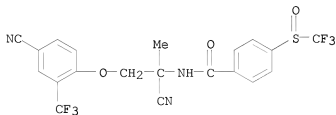
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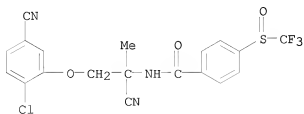
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CN Benzamide, N-[1-cyano-2-[4-cyano-2-(trifluoromethyl)phenoxy]-1-methylethyl]-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



RN 851976-69-7 HCAPLUS

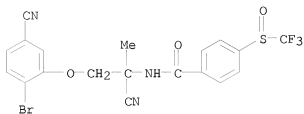
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RN 851976-70-0 HCAPLUS

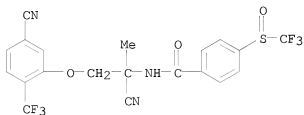
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[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



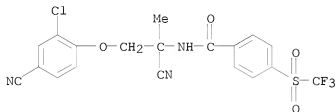
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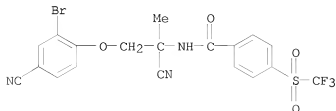
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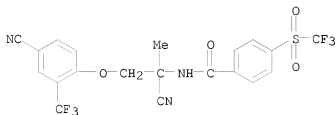
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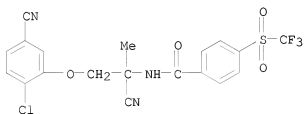
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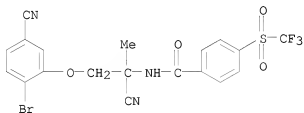
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CN Benzamide, N-[2-(2-chloro-5-cyanophenoxy)-1-cyano-1-methylethyl]-4-[(trifluoromethyl)sulfonyl]- (CA INDEX NAME)



RN 851976-80-2 HCAPLUS

CN Benzamide, N-[2-(2-bromo-5-cyanophenoxy)-1-cyano-1-methylethyl]-4-[(trifluoromethyl)sulfonyl]- (CA INDEX NAME)



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